SCREWS

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| Item | Assumption | Value | Sources |
| #10 x 3 in. Star Flat-Head Wood Deck Screw | * All galvanized steel * .00453596 kg/unit * 1kg galvanized steel → 2.03kg CO2-eq/kg | 0.009207998 kg CO2-eq/unit | [Link1](http://www.homedepot.com/p/Deck-Mate-10-x-3-in-Star-Flat-Head-Wood-Deck-Screws-5-lb-Pack-734968/202308663)  Link2(ICE) |
| #8 x 2-1/2 in. Phillips Bugle-Head Coarse Screw | * All galvanized steel * .0038116975kg/unit * 1kg galvanized steel → 2.03kg CO2-eq/kg | 0.0087669 kg CO2-eq/unit | [Link1](http://www.homedepot.com/p/Everbilt-8-x-2-1-2-in-Phillips-Bugle-Head-Coarse-Thread-Gold-Screw-1-lb-Pack-E212GS1/205460365)  Link2(ICE) |
| #9 1-1/2 in. External Hex Flange Screw | * All galvanized steel * .003545 kg/unit * 1kg galvanized steel → 2.03kg CO2-eq/kg | 0.00709 kg CO2-eq/unit | [Link1](http://www.homedepot.com/p/Simpson-Strong-Tie-9-1-1-2-in-External-Hex-Flange-Hex-Head-Structural-Connector-Screw-100-Pack-SD9112R100/202071152)  Link2(ICE) |
| #10 x 4 in. Philips Bugle-Head Coarse Thread Sharp Screw | * All galvanized steel * 0.01054865 kg/unit * 1kg galvanized steel → 2.03kg CO2-eq/kg | 0.02141378 kg CO2-eq/unit | [Link 1](http://www.homedepot.com/p/Grip-Rite-10-x-4-in-Philips-Bugle-Head-Coarse-Thread-Sharp-Point-Polymer-Coated-Exterior-Screw-PTN4S1/100153825)  Link2(ICE) |
| 6 in. TimberLok Coarse Steel Hex-Head Heavy-Duty Wood Screws | * All galvanized steel * 0.02585476 kg/unit * 1kg galvanized steel → 2.03kg CO2-eq/kg | 0.05248416 kg CO2-eq/unit | [Link1](http://www.homedepot.com/p/FastenMaster-6-in-TimberLok-Coarse-Steel-Hex-Head-Heavy-Duty-Wood-Screws-50-Pack-FMTLOK06-50/202268250)  Link2(ICE) |

JOIST HANGERS

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| --- | --- | --- | --- |
| Item | Assumptions | Value | Sources |
| Z-MAX 2 in. x 8 in. Galvanized Double Shear Face Mount Joist Hanger | * All galvanized steel * 0.16420044 kg/unit * 1kg galvanized steel → 2.03kg CO2-eq/kg | 0.333327 kg CO2-eq/unit | [Link1](http://www.homedepot.com/p/Simpson-Strong-Tie-Z-MAX-2-in-x-8-in-Galvanized-Double-Shear-Face-Mount-Joist-Hanger-LUS28Z/100374921)  Link2(ICE) |
| Z-MAX 2 in. x 10 in. Galvanized Double Shear Face Mount Joist Hanger | * All galvanized steel * 0.19232316kg/unit * 1kg galvanized steel → 2.03kg CO2-eq/kg | 0.390416 kg CO2-eq/unit | [Link 1](http://www.homedepot.com/p/Simpson-Strong-Tie-Z-MAX-2-in-x-10-in-Galvanized-Double-Shear-Face-Mount-Joist-Hanger-LUS210Z/100375106)  Link2(ICE) |
| 12-Gauge Angle | * All galvanized steel * 0.117934 kg/unit * 1kg galvanized steel → 2.03kg CO2-eq/kg | 0.239406 kg CO2-eq/unit | [Link1](http://www.homedepot.com/p/Simpson-Strong-Tie-12-Gauge-Angle-A33/100374962)  Link2(ICE) |